



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION

Applicant: Nobuto Yamamoto

Serial No: 09/826,463

Group Art Unit: 1647

Filed: April 5, 2001

Examiner: David S. Romeo

Att. Docket No.: Y1004/20017

Confirmation No.: 2419

For: PREPARATION OF POTENT MACROPHAGE ACTIVATING FACTORS
DERIVED FROM CLONED VITAMIN D BINDING PROTEIN AND ITS DOMAIN
AND THEIR THERAPEUTIC USAGE FOR CANCER, HIV-INFECTION AND
OSTEOPOROSIS

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the October 22, 2003 dated "Notice of Non-Compliant Amendment" filed under 37 CFR 1.121, a corrected version of the section "Amendment to the Claims" is presented below. Because this Response is filed within one month of the mail date of the Notice of Non-Compliant Amendment, there is no fee due at this time.

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-21 (canceled)

Claim 22 (currently amended): A process for producing a cloned macrophage activating factor (GcMAFc) comprising:

- (a) cloning a Gc1 isoform into a baculovirus vector;

- (b) expressing the cloned Gc1 isoform, thereby producing a cloned Gc1 protein,
wherein the Gc1 protein comprises approximately 458 amino acids with a
molecular weight of approximately 52,000 Da and 3 distinct domains;
- (c) contacting the cloned Gc1 protein ~~a molecular weight of approximately 52,000,~~
~~approximately 458 amino acids and 3 distinct domains~~ in vitro with immobilized
beta galactosidase and sialidase, ; and
- (d) obtaining the cloned macrophage activating factor (GcMAFc).

Claim 23 (canceled)

November 12, 2003

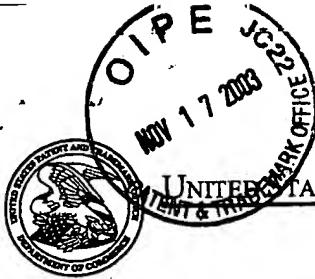
Please charge or credit our
Account No. 03-0075 as necessary
to effect entry and/or ensure
consideration of this submission.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN,
COHEN & POKOTILOV, LTD.

By

Robert S. Silver
Registration No. 35,681
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(215) 567-2010
Attorneys for Applicant



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/826,463	04/05/2001	Nobuto Yamamoto	Y1004/20017	2419

3000 7590 10/22/2003
CAESAR, RIVISE, BERNSTEIN,
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EXAMINER

ROMEO, DAVID S

ART UNIT PAPER NUMBER

1647

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DATE MAILED: 10/22/2003

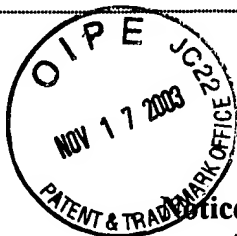
CAESAR, RIVISE, BERNSTEIN
COHEN & POKOTILOW, LTD.

Please find below and/or attached an Office communication concerning this application or proceeding.





UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. Box 1450
ALEXANDRIA, VA 22313-1450
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Paper No.

Office of Non-Compliant Amendment (37 CFR 1.121)

The amendment document filed on 10/6/03 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on June 30, 2003 (see 68 Fed. Reg. 38611, Jun. 30, 2003). In order for the amendment document to be compliant, correction of the following item(s) is required. **Only the corrected section of the non-compliant amendment document must be resubmitted (in its entirety), e.g., the entire "Amendments to the claims" section of applicant's amendment document must be re-submitted.** 37 CFR 1.121(h).

THE FOLLOWING CHECKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
- ☐ A. Amended paragraph(s) do not include markings.
 - ☐ B. New paragraph(s) should not be underlined.
 - ☐ C. Other _____
- ☐ 2. Abstract:
- ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
 - ☐ B. Other _____
- ☐ 3. Amendments to the drawings: _____
- ☒ 4. Amendments to the claims:
- ☒ A. A complete listing of all of the claims is not present.
 - ☒ B. The listing of claims does not include the text of all claims (including withdrawn claims)
 - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified.
 - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
 - ☐ E. Other: _____

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP Sec. 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/officeflyer.pdf>.

If the non-compliant amendment is a **PRELIMINARY AMENDMENT**, applicant is given **ONE MONTH** from the mail date of this letter to supply the corrected section which complies with 37 CFR 1.121. Failure to comply with 37 CFR 1.121 will result in non-entry of the preliminary amendment and examination on the merits will commence without consideration of the proposed changes in the preliminary amendment(s). This notice is not an action under 35 U.S.C. 132, and this **ONE MONTH** time limit is not extendable.

If the non-compliant amendment is a reply to a **NON-FINAL OFFICE ACTION** (including a submission for an RCE), and since the amendment appears to be a *bona fide* attempt to be a reply (37 CFR 1.135(c)), applicant is given a **TIME PERIOD** of **ONE MONTH** from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).**

If the amendment is a reply to a **FINAL REJECTION**, this form may be an attachment to an Advisory Action. The period for response to a final rejection continues to run from the date set in the final rejection, and is not affected by the non-compliant status of the amendment.

Hevia J. Hammell
Legal Instruments Examiner (LIE)

703-308-4277
Telephone No.

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OCT 27 2003

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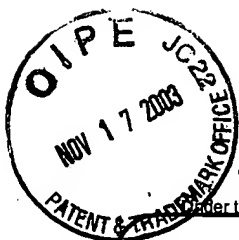


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1647

Substitute PTO/SB/21 (08-03)
Approved for use through 08/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/826,463
Filing Date	April 5, 2001
First Named Inventor	Nobuto Yamamoto
Art Unit	1647
Examiner Name	David S. Romeo
Attorney Docket Number	Y1004/20017

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	* See Remarks
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	* Copy of Notice of Non-Compliant Amendment, dated 10/22/2003	
<input type="checkbox"/> Assignment and Cover Sheet	The Office is authorized to charge or credit our Account No. 03-0075 as necessary to effect entry and/or ensure consideration of this submission.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd. (Customer No. 03000)
Signature	Robert S. Silver, Reg. No. 35,681
Date	November 12, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Rita E. Flocco		
Signature		Date	November 12, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.